UNITED STATES BAR V RANCH QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-BIG HORN CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) (BAR V RANCH NF.) R. 37 E. 19 21 22 23 24 30 29 26 27 25 32 31 33 BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of coal bed and/or the contact between burned 36 T. 9 S. T. 8 S. T. 9 S. 11 17 15 13 19 20 21 22 23 24 30 29 27 25 31 32 36 4120 45°00' (MONARCH) 4573 | NE SCALE 1:24 000 R. 37 E. R. 38 E. 107°07′30″ 107°00' Base map from U.S. Geological Survey, 1967 Compiled in 1977 1 MILE MONTANA UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE BAR V RANCH QUADRANGLE, BIG HORN COUNTY, MONTANA BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 4

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OPEN-FILE REPORT

This report has not been edited for conformity with U.S. Geological Survey editorial standards or

stratigraphic nomenclature.

EXPLANATION

ISOPACHS OF THE COAL BED-Showing thickness, in

STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval

4310

and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal

bed thickness and altitude at the top of the coal bed,

FAULT-Dashed where approximately located. U, up-

thrown side; D. downthrown side.

To convert feet to meters, multiply feet by 0.3048.

40 feet (12.2 m). Datum is mean sea level.

feet. Isopach interval 1 foot.

measured in feet.

ISOPACH AND STRUCTURE CONTOUR MAP OF THE ROLAND OF BAKER (1929) COAL BED